Haowen Liu

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Education

2018-01 - 2020-05 **The Ohio State University, Columbus, OH**
B.S Computer and Information Science
Dean's List 2018-2020
Overall GPA 3.90

Experience

2020-07 - Present **Technology Analyst**
BNP Paribas
- Graduate rotation in different teams among the technology track.

2019-05 - 2019-08 **Technology Analyst Intern**
BNP Paribas
- Automated department monthly meeting process by utilizing Python to gather information and speed up the process by weeks.
- Developed a web application utilizing flask and javascript.

2020-01 - present **Mobile Application Developer (Ohio State University Capstone project)**
EduTechnologic
- UI/UX design for Android mobile and wearable search application using java.
- Utilizing open source search platform (Elasticsearch).
- Develop in an Agile environment utilizing SCRUM with tools such as Trello, Slack, and GIT.

Projects

2019-09 - 2019-11 **React Application Design**
- Designed and developed a web application displays movie data from the Movie database
- Front-end development for interactive web applications using React, HTML, and CSS.
- Web application successfully deployed to Heroku

2020-01 - 2020-03 **Mobile Application Design**
- Designed and developed an android mobile application utilizing java.
- Using REST api calls to fetch sports events from school website.
- Application utilizes firebase cloud store for storage.

Technical Skills

Python, Java, C, Ruby on Rails, Assembly, JavaScript, HTML, Android, UNIX/Linux

Agile development

Microsoft Office(Word, Powerpoint, SharePoint)

Publications

2019-05 Zhang, Y., Liu, H., Rosen, P., & Hajij, M. (2019). Mesh Learning Using Persistent Homology on the Laplacian Eigenfunctions. arXiv preprint arXiv:1904.09639.